



Revision number: 1

Purchasing Agent: Debbie Gundersen

**Item: WIRELESS LAND MOBILE & PORTABLE RADIOS FOR UCAN CUSTOMERS**

Vendor: 94724A EF JOHNSON COMPANY  
299 JOHNSON AVE.  
WASECA MN 56093

Internet Homepage: [www.efjohnson.com](http://www.efjohnson.com)

Telephone: (507) 835-6211

Fax number: (507) 835-6485

Contact: TOM HOLTMAN

Email address: [tholtman@efjohnson.com](mailto:tholtman@efjohnson.com)

Brand/trade name: EF JOHNSON CO.

Price: SEE ATTACHED PRICE LIST

Terms: NET 30 DAYS

Effective dates: 02/09/01 through 02/08/04

Days required for delivery: 3 TO 45 DAYS ARO

Price guarantee period:

Minimum order: \$100 RADIO AND ACCESSORIES OR  
\$25.00 REPLACEMENT PARTS

Min shipment without charges:

Other conditions:

Renewal options: Two (2), Two(2) year renewal options.

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**PLEASE NOTE: NEW MODELS & ACCESSORIES ON PAGE 2. MODEL 5000 DISCONTINUED, REPLACED BY MODEL 5100. EFFECTIVE DATES EXTENDED.**

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This statewide contract is an "AR" (authorization required) contract. Authorization is required before purchase can be made. The authorization requirements and procedure is detailed in the attachment to the contract. Orders may be placed only after authorization is received.

This contract covers only those items listed in the price schedule. It is the responsibility of the agency to ensure that other items purchased are invoiced separately. State agencies will place orders directly with the vendor (creating a PG in Finet) and make payments for the same on a PV referencing the original PG. Agencies will return to the vendor any invoice which reflects incorrect pricing.

Authorization Required: The contract for 800 radio equipment and infrastructure components is a system purchase contract which is administered by the Utah Communications Agency Network (UCAN) EST by the Utah Legislature in 1997. Details of the legislation are located in the Utah State Code annotated 63-38-2. All 800 MHz Purchases from this contract must be coordinated through the executive committee of UCAN as currently established by the code. Please contact Steve Proctor, (801) 965-4968, for guidance.



Tom Holtman-Factory Sales  
800-388-1912 ext.6211  
507-835-6283 Fax

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Contract AR1293

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PART NUMBER	PRODUCT NAME/ ITEM DESCRIPTION	UNIT PRICE
<b>5100 SERIES PORTABLES</b>		
<b>DESCRIPTION:</b> The 5100 portable allows communication in conventional mode, SMARTNET II, or SmartZone analog or digital mode. 800 MHz models offer (3) watts transmitter power, 806-870 MHz; 256 talkgroups/channels capability. Radios include battery, antenna, belt clip. SmartZone models include zone fail-site lock feature.		
<b><u>SMARTNET II Models</u></b>		
242-5182-810-DA	800 MHz, Analog w/ Limited Keypad	1455.00
242-5183-810-DA	800 MHz, Analog w/ DTMF Keypad	1615.00
242-5183-810-EB	800 MHz, Mixed Mode Analog/Digital w/DTMF Keypad	1883.00
<b><u>SmartZone Models</u></b>		
242-5182-810-FH	800 MHz w/ Limited Keypad & Zone Fail-Site Lock	1745.00
242-5183-810-FH	800 MHz w/ DTMF Keypad & Zone Fail-Site Lock	1906.00
242-5183-810-FG	Mixed Mode Analog/Digital, w/DTMF Keypad, Zone Fail-Site Lock	2174.00
242-5183-810-FI	Mixed Mode Analog/Digital, DES-OFB Encryption, w/DTMF, ZFSL	2636.00
Option 06	Add STAR - SmartZone Transfer Area Roaming to above	124.00
Option 17	Add 244 Talkgroups/Channels for 500 Talkgroups/Chns to above	124.00
<b>5100 SERIES PORTABLE ACCESSORIES</b>		
<b><u>CARRYING ACCESSORIES</u></b>		
585-5100-128	Belt Clip 2 1/2" (standard) spring loaded	10.00
585-5100-130	Leather 2.5" Belt Loop w/D-Swivel Attachment	10.00
585-5100-132	Leather 3" Belt Loop w/D-Swivel Attachment	10.00
585-5100-120	Leather Case w/belt loop	45.50
585-5100-122	Leather Case w/3" D-Swivel Belt Loop Attachment	45.50
585-5100-125	Nylon Case w D-Swivel & Belt Loop	39.00
<b><u>AUDIO ACCESSORIES</u></b>		
589-0015-057	Speaker Microphone/2.5 mm earphone jack	85.00
589-0015-059	Lightweight Headset/ In-Line PTT, 3.5mm plug(requires -051 adapter)	73.00
589-5100-055	Palm Microphone Kit/3.5 mm threaded plug(requires -051 adapter)	150.00
589-5100-057	Coil Cord Earphone/ Right Angle 2.5 Plug(requires 589-0015-057)	45.50
589-5100-059	Coil Cord Earphone/ Straight Plug 2.5mm plug(requires 589-0015-057)	45.50
589-5100-053	1-Wire Earphone Kit, 3.5mm plug(requires 589-5100-051)	53.00
589-5100-051	EarphoneHeadset Adapter w/3.5 mm plug	56.00
<b><u>ANTENNA</u></b>		
501-0105-013	806-870 MHz, 1/2 Wave Black	19.50
<b><u>BATTERIES</u></b>		
587-5100-360	3600 mAhr 'A' NiMH, standard	65.00
<b><u>POWER SUPPLY'S/CHARGERS</u></b>		
250-5100-210	Single Unit Rapid Desktop Charger Kit w/switching Power Supply	75.00
250-5100-215	Single Unit Charger/Conditioner Kit w/Switch Power Supply	85.00
585-5100-210	Single Unit Rapid Desktop Charger Base (no power supply)	98.00
585-5100-215	Single Unit Charger/Conditioner Base (no power supply)	117.00
585-5100-230	Switching PS 15V, 1.3A (120/230V) for -210/-215 Chargers	30.00
250-5100-240	4-Unit Rapid Charger w/Power Supply	358.00
250-5100-245	4-Unit Rapid Charger/Conditioner w/Power Supply	377.00
<b><u>ENCRYPTION ACCESSORIES</u></b>		
585-5000-930	DES Key Loader	2275.00
585-5000-932	Key Loader Cable	179.00
585-5000-934	Key Loader Charger	293.00
585-5000-936	Key Loader Spare Battery	81.00
<b><u>PROGRAMMING ACCESSORIES</u></b>		
250-5100-003	PC Configure Programming Kit(cable, software, & manual on CD)	322.00
023-9998-488	PC Configure Programming Software (CD only)	163.00
<b><u>MANUALS AND FACTORY SERVICES</u></b>		
002-5100-001	Quick Start Guide	6.00
001-5100-001CD	Service Manual	27.00

Prices quoted are FOB Destination



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PART NUMBER	PRODUCT NAME/ ITEM DESCRIPTION	UNIT PRICE
<b>7780 SERIES PORTABLES</b>		
<b>DESCRIPTION:</b> The 7780 portable allows communication in conventional mode, SMARTNET II, or SmartZone analog mode. 800 MHz models offer (3) watts transmitter power, 806-870 MHz; 256 talkgroups/channels capability. Models w/-A include rapid charger, battery, antenna, belt clip. SmartZone models include zone fail-site lock feature.		
<b><u>SMARTNET II Models</u></b>		
242-7780-302-A	3-key, rapid charger, battery, antenna, & belt clip	790.00
242-7780-302	Radio only, w/o rapid charger	712.00
242-7780-303-A	DTMF keypad, rapid charger, battery, antenna, & belt clip	790.00
242-7780-303	Radio only, no rapid charger	712.00
<b><u>SmartZone Models</u></b>		
242-7780-503-D	DTMF keypad, rapid charger, w/ Zone Fail-Site Lock	1083.00
242-7780-503-C	Radio only, w/o rapid charger, with Zone Fail-Site Lock	1005.00
<b><u>Intrinsically Safe Option</u></b>		
242-7781-xxx	Add Intrinsically safe option for any 7780 model.	19.00
<b>7780 SERIES PORTABLE ACCESSORIES</b>		
<b><u>CARRYING ACCESSORIES</u></b>		
585-5000-052	Leather case w/ D-Swivel	35.00
023-8790-130	Belt Loop for D-Swivel	17.00
250-5810-123	D-Swivel for attachment to radio	29.00
585-5000-054	Belt Clip	16.00
<b><u>AUDIO ACCESSORIES</u></b>		
589-0015-047	Speaker Microphone w/coil cord, heavy-duty	81.00
589-0015-048	Lightweight Headset/ In-Line PTT	97.00
585-5000-051	Earphone adapter	31.00
589-9003-004	Earphone (for 589-005-047 & 585-5000-051)	12.00
250-0881-003	Heavy-duty earphone w/coil cord	62.00
<b><u>ANTENNA</u></b>		
585-5000-053	Replacement 800 MHz antenna	33.00
<b><u>BATTERIES</u></b>		
587-8150-135	Nickle metal hydride battery	62.00
587-8150-136	Intrinsically safe, nickle metal hydride battery	98.00
585-5020-031	Battery eliminator	62.00
<b><u>CHARGERS &amp; POWER SUPPLIES</u></b>		
585-5020-020	Desktop Rapid Charger Base (please order power supply)	55.00
585-5020-021	Power Supply, 120 VAC for -020 base	25.00
888-3505-001	Six-Unit Rapid Charger including Power Supply	450.00
<b><u>PROGRAMMING ACCESSORIES</u></b>		
250-7780-002	PC Configure Programming Kit(cable, software, & manual on CD)	322.00
023-9800-000	RPI Box only	181.00
597-2002-122	Programming Cable, RPI to Radio	64.00
023-9998-488	PC Configure Programming Software (CD only)	163.00
<b><u>MANUALS</u></b>		
001-7780-500	Service Manual	27.00
002-7780-500	Operator Manual	9.00
002-7781-500	Intrinsically-safe model Operator Manual	9.00

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PART NUMBER	PRODUCT NAME/ ITEM DESCRIPTION	UNIT PRICE
<b>5300 SERIES MOBILES</b>		
<b>DESCRIPTION:</b> The 5300 mobile allows communication in conventional mode, SMARTNET II, or SmartZone and/or digital mode. 800 MHz models offer (35) watts transmitter power, 806-870 MHz; 256 talkgroups/channels capability.		
<b>Models include microphone, mounting bracket, hardware, and power cables. SmartZone models include zone fail-site lock feature.</b>		
<b><u>SMARTNET II Models (analog only)</u></b>		
5387-11-11	Dash mount, six-button standard control head	2035.00
5388-21-11	Remote mount, six-button standard control head	2293.00
<b><u>SmartZone Models (analog only)</u></b>		
5387-11-12-50	Dash mount, six-button standard control head, w/ZFSL	2326.00
5388-21-12-50	Remote mount, six-button standard control head, w/ZFSL	2454.00
5388-31-12-50	Dual control heads, (1) dash-mt. & (1) remote mount, w/ZFSL	2633.00
5387-71-12-50	Hand-held controller, remote mount transceiver, w/ZFSL	3003.00
<b><u>Mixed Mode Digital &amp; Analog Models</u></b>		
5387-11-22	Digital SMARTNET II, dash mount, six-button control head	2172.00
5388-21-22	Digital SMARTNET II, remote mount six-button control head	2301.00
5387-11-22-50	Digital SmartZone, dash mount, six-button control head, w/ZFSL	2462.00
5388-21-22-50	Digital SmartZone, remote mount, six-button control head, w/ZFSL	2720.00
5387-31-22-50	SmartZone, dual control (1) dash mt. & (1) remote mt., w/ZFSL	2770.00
5388-71-22-50	SmartZone, hand-held controller, remote mount transceiver, w/ZFSL	3140.00
<b><u>Software Control Options</u></b>		
Option 06	Add STAR - SmartZone Transfer Area Roaming to above SZ models	117.00
Option 10	Add Project 25 DES-OFB Encryption to 5300 models	488.00
<b>5300 SERIES MOBILE ACCESSORIES</b>		
<b><u>MICROPHONE, AUDIO &amp; HARDWARE ACCESSORIES</u></b>		
250-0740-310	Standard Palm Microphone	65.00
250-5300-101	Hand-held Controller Kit, for use w/ remote mount transceiver	582.00
250-0151-005	5" Speaker for use w/Hand-held Controller	32.00
250-0742-013	Desktop Microphone	150.00
250-0151-006	5" Remote speaker, environmental sealed	35.00
023-9750-010	Mounting Hardware and 22' DC Cable	26.00
023-9750-011	Accessory Wire Kit (required for horn honk & ignition sense)	12.00
023-9750-012	Standard Transceiver Mounting Bracket	10.00
585-7000-185	Remote Transceiver Mounting Tray, Lockable	29.00
<b><u>ANTENNA</u></b>		
585-1155-011	806-870 MHz, 1/2 Wave Black	35.00
<b><u>CONTROL STATION ACCESSORIES</u></b>		
585-4001-202	15 Amp 120 volt Power Supply	195.00
<b><u>ENCRYPTION ACCESSORIES</u></b>		
585-5000-930	DES Key Loader	2275.00
585-5000-938	Key Loader Cable	179.00
585-5000-934	Key Loader Charger	293.00
585-5000-936	Key Loader Spare Battery	81.00
<b><u>PROGRAMMING ACCESSORIES</u></b>		
250-5000-004	PC Configure Programming Kit(cable, software, & manual on CD)	322.00
023-5300-000	RPI Box	181.00
023-5300-005	RPI to Radio Programming Cable	64.00
023-9998-488	PC Configure Programming Software (CD only)	163.00
<b><u>MANUALS</u></b>		
002-5300-005	Operator Manual	9.00
001-5300-003	Service Manual	27.00

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PART NUMBER	PRODUCT NAME/ ITEM DESCRIPTION	UNIT PRICE
<b>9800 SERIES MOBILES</b>		
<b>DESCRIPTION: The 9800 mobile allows communication in conventional mode, SMARTNET II, or SmartZone analog mode. 800 MHz models offer two transmitter power ranges either (2-15) or (10-30) watts, 256 talkgroups/channels</b>		
<b>Models include microphone, mounting bracket, hardware, and power cables. SmartZone models include zone fail-site lock feature.</b>		
<b><u>SMARTNET II Models (analog only)</u></b>		
242-9883-303	Dash mount, 10-30 watt	842.00
242-9883-302	Dash mount, 2-15 watt	712.00
242-9888-303	Remote mount, 10-30 watt	1232.00
242-9888-302	Remote mount, 2-15 watt	1102.00
<b><u>SmartZone Models (analog only)</u></b>		
242-9883-503-A	Dash mount, 10-30 watt, w/Zone Fail-Site Lock feature	1135.00
242-9883-503-J	Dash mount, 10-30 watt, factory installed ignition sense, ZFSL	1193.00
242-9883-502-A	Dash mount, 2-15 watt, w/Zone Fail-Site Lock feature	1005.00
242-9883-502-J	Dash mount, 2-15 watt, factory installed ignition sense, ZFSL	1063.00
242-9888-503-A	Remote mount, 10-30 watt, w/Zone Fail-Site Lock feature	1525.00
242-9888-502-A	Remote mount, 2-15 watt, w/Zone Fail-Site Lock feature	1395.00
<b>9800 SERIES MOBILE ACCESSORIES</b>		
<b><u>MICROPHONE, AUDIO &amp; HARDWARE ACCESSORIES</u></b>		
250-0740-300	Standard Palm Microphone	47.00
250-0751-021	DTMF Microphone	137.00
589-0016-029	WR 805 DTMF Microphone (water-resistant)	209.00
250-0742-010	Desktop Microphone	121.00
250-0151-010	5" Remote speaker	31.00
017-2229-005	Std. Transceiver mounting bracket	7.00
017-2229-010	Low-profile Transceiver mounting bracket	7.00
023-9800-030	Mounting hardware Kit	7.00
023-9800-410	10' DC Power Cable & Hardware Kit	13.00
023-9800-422	22' DC Power Cable & Hardware Kit	21.00
597-9800-011	Remote Control Pigtail Cable	163.00
023-9750-011	Accessory Wire Kit (required for ignition sense & horn honk)	12.00
597-9800-003	Accessory Pigtail Cable Kit (also required for ignition sense & HH)	35.00
597-9800-009	11' Extension Control Cable (for remote transceiver mounting)	273.00
250-9800-001	Remote Control Conversion Kit (converts dash mt to single remote CH)	344.00
<b><u>ANTENNA</u></b>		
	806-870 MHz, 1/2 Wave Black	13.50
<b><u>CONTROL STATION ACCESSORIES</u></b>		
	15 Amp 120 volt Power Supply	195.00
<b><u>PROGRAMMING ACCESSORIES</u></b>		
250-9800-002	PC Configure Programming Kit(cable, software, & manual on CD)	322.00
023-9800-000	RPI Box	181.00
597-2002-200	RPI to Radio Programming Cable	31.00
023-9998-488	PC Configure Programming Software (CD only)	163.00
<b><u>MANUALS</u></b>		
002-9800-502	Operator Manual	9.00
001-9800-001CD	9800 Platform Radio Service Manual on CD	27.00
001-9800-500	SMARTNET II/SmartZone Service Manual Addendum-printed form	27.00

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Finet Commodity Code(s):

72574000000-Two-Way Radio, Portable, Including Vehicle Radio Relay Systems.

72578000000-Two-Way Radio Receivers, Transmitters, Transceivers: Mobile and Base Station(Audio Transfer)

72527000000-Radio, High Frequency (SSB) Mobile and Base